PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

SSF1014 certified battery backup with communication

NOVA FLX L

NOVA FLX L can be mounted on a wall or in a 19" rack.

Name, article number and e-number

Name, article number and email number.

Name	Article number	E-number
NOVA 24V 10A FLX L	FL01P30024P100-SSF	52 135 70
NOVA 24V 5A FLX L	FL01P30024P050-SSF	52 135 69

Description

Primary switched battery backup, 24 V, 5 A, with room for two 45 Ah batteries.

Primary switched battery backup, 24 V, 10 A, with room for two 45 Ah batteries.

Area of use

NOVA supplies power to access systems, alarm systems or other security products in a building that are powered by 12 V or 24 V DC. The rectifier in the power supply converts 230 V AC down to 12 V DC or 24 V DC. NOVA 24 V power supply is certified to be used in security facilities that must comply with SSF 1014, all the way from alarm class 1 up to alarm class 4.

Batteries drive, for example, the access system, when the power grid goes down.

Long life, energy efficient and support is available if something goes wrong, now or in 10 years.

Voltage, current and power

Mains voltage: 230 V AC - 240 V AC, 47 Hz - 63 Hz.

Voltage out: 27.3 VDC, (24 V).

Charging current: 5 A. 10 A.

Power outlet: 5A. 10 A.

Load outputs

Two load outputs.

Fuses

Mains fuse: 2.5 A.

Load securing: 5 A. 10 A.

Battery fuse: (16 A) and 30 A automatic fuse.

Battery and battery type

Two 45 Ah or two 28 Ah batteries.

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Batteries not included.

Backup operating time on batteries

The reserve operating time in battery operation depends on how large a load is connected to the power supply. If the load varies, as with frequent opening of door locks, the time that batteries can continue to power the security system decreases. To get an estimate of reserve operating times see: www.milleteknik.se/Manualer/FaQ/Reservdrifttider/

Enclosure

Sheet metal cabinet for wall mounting or in a 19" rack cabinet (10 HE). Powder-coated black. Four cable entries on the top and knockout holes on the back. Cable tie holder in enclosure. Lockable, two keys included.

Dimensions, fan and IP class.

Dimensions, height x width x depth	[sv] HE	Built-in fan	IP class
444 x 437 x 212 mm	10	Yes	IP32

Weight

Weight.

Name	Net weight	Weight incl. packaging
Battery backup NOVA 24V 10A FLX L	12.7 kg	13.8 kg
Battery backup NOVA 24V5A FLX L	13 kg	14 kg

Installation requirements

The device is intended for fixed installation. The unit must be installed indoors, environmental class

1, ambient temperature: +5°C to +40°C. Recommended ambient temperature is +15°C to +25°C (for optimal battery life).

Requirements that the product meets

The product meets the following requirements.

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU
CE:	CE directive according to: 765/2008
Emission:	EN61000-6-: 2001 EN55022: 1998: -A1: 2000, A2: 2003 Klass B, EN61000-3-2: 2001
Immunity:	EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11 SS-EN 50 130-4:2011 Edition 2, EN50131-6

CE

Standards that product (s) meet and are approved for

EN54

EN50131-6:2017.
EN50131-6:2017. Security grade 4, Environmental class 1.
SPCR 201 issue 2021-09-07

SSF

SSF1014 Alarm class 1-4 (burglar alarm).
SSF1014, Issue 5.

Certificate and certificate number

Certificate number, SBSC	Designation SBSC
No. 18-246	NOVA 27 250-FLX, NOVA 27 150-FLX, NOVA 27 100-FLX, NOVA 27 50-FLX, NOVA 13 100-FLX, NOVA 27 100-XS2, NOVA 27 50-XS2, NOVA 27 30-XS2, NOVA 13 100-XS2, NOVA 13 50-XS2
No. 20-117	NOVA 27 50-FLX S • NOVA 27 100-FLX S • NOVA 27 50-FLX M • NOVA 27 100-FLX M • NOVA 27 150-FLX M • NOVA 27 250-FLX M • NOVA 27 50-FLX L • NOVA 27 100-FLX L • NOVA 27 150-FLX L • NOVA 27 250-FLX L Unison Facility Cabinet

Certificate number RiSE

Certificate number, RiSE
SC0204-19

About certification

NOVA is mostly used for: Access systems, fire alarms, burglar alarms, (integrated security systems), in public environments such as schools, offices and commercial properties.

SBSC APPROVED PRODUCT

The unit meets the requirements for installation in systems that must be SSF 1014 approved. SSF 1014 certificate is only valid for certification together with a higher-level system.

IMPORTANT

In order for the SSF 1014 certificate to be valid, only one (1) load output may be used.

Limitations

In order for the certificate, which applies to all NOVA 24 V, to be maintained, UPLUS 10+ Design Life AGM batteries must be used.

Guarantee

The product has a five-year warranty against manufacturing defects. Batteries and wearing parts are not covered by warranty.

Expandable, options and accessories

The produckt can be expanded with two pieces: 2+2 Output module or 5 Output module or 10 Output Module or 8 Output control module or Fire module 4 outputs or Voltage Converter 24V-12V 2A or Voltage Converter 24V-12V 6A.

Tamper switch

Plate for attaching the tamper switch to the wall to meet the alarm class for FLX S and FLX M and FLX L.

Relay card for alarm via switching relay instead of communication. Relay card NOVA Series (5A and 10A-PRO3) Relay card NOVA Series (15A and 25A-PRO2V3)

Manufacturing, lifespan, environmental impact and recycling

Manufactured by Milleteknik in Partille, Sweden.

The product is designed and constructed for a long service life, which reduces the environmental impact. The life of the product (except wearing parts) depends on, among other things, environmental factors, mainly ambient temperature, unforeseen load on components such as lightning strikes, external impact, handling errors, etc. Products are recycled, simply because they are modular, by being left at the nearest recycling station

or sent back to the manufacturer.[1]Contact your distributor for more information.

Link to the latest information

Products and software are subject to updates, you will always find the latest information on our web-site.

NOVA

About this information

All information is published subject to possible errors. Information is updated without prior notice.

[1]Costs incurred in connection with recycling are not reimbursed.